



EAST ASIA HYDROGRAPHIC COMMISSION



CARTOGRAPHIC BOUNDARY DEFINITION PROPOSAL

**by
National Hydrographic Centre
Malaysia**

ISSUE

TRANSBOUNDARY OVERLAPPING CELL



DISHARMONISATION OF ENC LEADING TO
UNSEAMLESS COVERAGE

FACTOR CONTRIBUTING TO THE ISSUE

OVERLAPPING CELL



ENC SOURCE

PAPER CHART

CHALLENGES

TO HARMONISE ENC

CHALLENGES

UPDATING

DATA CONSISTENCY

CLIPPING

POLITICAL BOUNDARY

NON POLITICAL
BOUNDARY

MITIGATING THE CHALLENGES BY...

DEFINING A CARTOGRAPHIC BOUNDARY BY WAY OF DEFINITION

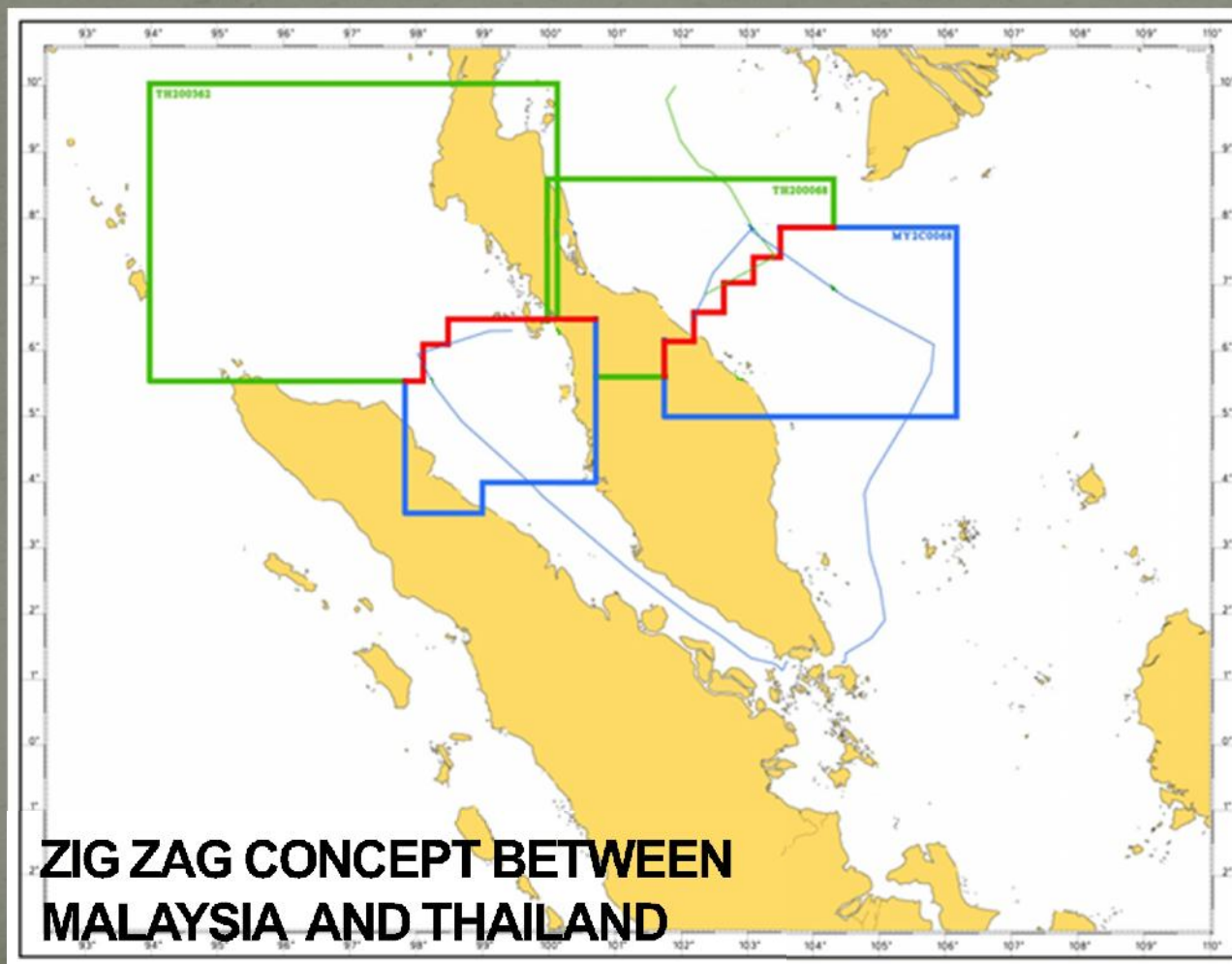
CARTOGRAPHIC BOUNDARY

“Cartographic Boundary can be defined as the limit to clip of an overlapping ENC between two neighbouring countries and later shall not be signified or regarded as a political or jurisdictional boundary. It should be as simple as possible so the user will be provided with most coherent service possible”

IMMEDIATE BENEFIT FROM THE DEFINITION

- **To give the liberty to HO's in choosing political boundary or cartographic boundary in resolving ENC harmonisation issue.**

SAMPLE IN CONDUCT OF A CARTOGRAPHIC BOUNDARY BETWEEN MALAYSIA AND THAILAND



Continue..

- **NHC proposed the zig zag line concept as the approach to define cartographic boundary without imposing on political or jurisdictional boundaries.**
- **Cartographic boundary with zig zag line concept will offer one of the best solutions to achieve seamless ENC between adjacent cells.**

ACTION BY MALAYSIA

- Step 1: To get endorsement from the WEND WG.

DONE

- Step 2: Facilitate to register definition at Hydrographic Dictionary.

UPON
ENDORSEMENT

- Step 3: Assist to produce Limits of Cartographic Boundary Publication.

SUBSEQUENT
ACTION

DECISION BY WEND WG

- **WEND WG agreed with the definition of Cartographic Boundary and IRCC shall send a CL to all IHO MS for consensus.**
- **If consented by IHO MS Cartographic Boundary definition will be inserted to the IHO Dictionary.**
- **Subsequent action.... WEND WG agreed with the proposal to produce Limits of Cartographic Boundary publication.**

Q & A